

# EUROPEAN PATENT OFFICE

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TITLE : CURING ACCELERATOR FOR EPOXY RESIN

ABSTRACT : PURPOSE: To obtain a curing accelerator, containing an imidazole compound, an acid anhydride and an organic solvent containing carbonyl group in a specific proportion, readily handleable due to its liquid state at ambient temperature, easily soluble in an acid anhydride-based curing agent for an epoxy resin at normal temperature and excellent in operating efficiency and preservation stability.

CONSTITUTION: This accelerator contains (A) an imidazole compound, (B) an acid anhydride which is a liquid at ambient temperature and (C) an organic solvent containing carbonyl group in amounts so as to provide (20/80) to (50/50) weight ratio of the components (A)/(B) and (14/86) to (40/60) weight ratio of the components {(C)/[(A)+(B)]}. Furthermore, the component (A) is a solid state at ambient temperature and the component (C) is preferably any one or more compounds of pyrrolidone, lactone, ketone and amide compounds.

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